

VIII.3.3-NOMSNG NO MISSING VALUES TIME SERIES OPERATION

Identifier: NOMSNG

Operation Number: 46

Parameter Array: The FORTRAN identifier used for the parameter array is PO. The contents of the PO array are:

<u>Position</u>	<u>Contents</u>
1	Operation version number
2-3	Input time series identifier
4	Input time series data type code
5	Input and output time series data time interval (HR)
6-7	Output time series identifier
8	Output time series data type code
9	Source of initial carryover: 0 = default value of -999.0 is used 1 = user supplied value
10	Interpolation scheme 0 = retain last value 1 = linear interpolation
11	Value of recession coefficient to extend time series

Carryover Array: The FORTRAN identifier used for the carry over array is CO. The CO array contains two values. The first is the last non-missing value in the input time series at or prior to the carryover date. The second is the number of time steps that the carryover value occurs before the start of the run.

Subroutines Names and Functions: The subroutines associated with this Operation are:

<u>Subroutine</u>	<u>Function</u>
PIN46	Input information and store values in the PO and CO arrays
PRP46	Print parametric data
PRC46	Print carryover data

Subroutine Function

PUC46	Output cards in the format which can be read by routine PIN46
EX46	Execute the Operation
COX46	Transfers carryover values
TAB46	Makes entries into the Operations Table

Subroutines PIN46, PRP46, PRC46, COX46 and PUC46 have the standard argument lists for these subroutines as given in Section VIII.4.3.

Subroutine EX46 (PO,CO,QIN,QOUT)

Function: This is the execution subroutine for Operation NOMSNG.

<u>Variable</u>	<u>Input/ Output</u>	<u>Type</u>	<u>Dimension</u>	<u>Description</u>
PO	Input	R*4	variable	Parameter and other information
CO	Both	R*4	variable	Carryover data
QIN	Input	R*4	variable	Input time series
QOUT	Output	R*4	variable	Output time series

SUBROUTINE TAB46 (TO, LEFT, IUSET, NXT, LPO, PO, LCO, TS, MTS, LWORK, IDT)

Function: This is the Operations Table entry subroutine Operation NOMSNG.

Argument List: The arguments for this subroutine are similar to the arguments for the Operation Table entry subroutines for other Operations. A description of the arguments is contained in Section VII.4.2-TAB.

Operations Table Array: The contents of the TO array are:

<u>Position</u>	<u>Contents</u>
1	Operation number
2	The location in the T array of the next Operation to be executed
3	The location of the parameter array for this Operation in the P array
4	Location of the carryover array for this Operation in the C array
5	Location of input time series in the D array
6	Location of output time series in the D array